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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No.09/451,256
Filing DateNovember 29, 1999
InventorshipHollasch
ApplicantMicrosoft Corp.
Group Art Unit2672
ExaminerAmini
Attorney's Docket No.MS1-448us
Title: "Computer Graphics Methods and Apparatus For Ray Intersection"

RESPONSE TO OFFICE ACTION DATED JULY 17, 2002

RECEIVED

To: Commissioner of Patents and Trademarks
Washington, D.C. 20231

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Technology Center 2600

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PATENT TRADEMARK OFFICE

In the Claims

Claims 1-56 are pending and are listed below as follows:

1. In a computer graphic processing system in which a ray is cast toward an object represented by a collection of pre-determined shapes each characterized by characteristic data, a method for determining which of the shapes are intersected by the ray, the method comprising:

defining a reference object relative to the represented object;

determining the positions of the shapes relative to the reference object using the characteristic data; and